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## TRICENTROL RESOURCES

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# Permitco

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A Petroleum Permitting Company

September 22, 1982

State of Utah  
Division of Oil, Gas & Mining  
4241 State Office Bldg.  
Salt Lake City, UT 84114

RE: Tricentrol Resources, Inc.  
#2-12 Nancy State  
1480' FN & 1010' FW  
Section 2, T38S-R25E  
San Juan County, Utah

Gentlemen:

Tricentrol Resources Inc. proposes to drill a well at the above-mentioned location.

We realize that this location is a non-standard location, in accordance with the spacing rules for the State of Utah. This location was picked due to topography and extensive seismic work which was done in the immediate area.

Tricentrol Resources Inc. is the lease holder of all of Section 2, T38S-R25E. Therefore, no other lease holders will be affected by the drilling of the above-proposed well.

We, therefore, request your permission to drill this well at a non-standard location.

Sincerely,

PERMITCO



Lisa L. Green  
Consultant for  
TRICENTROL RESOURCES INC.

LLG/tjb

Enclosures

cc:

BLM - Monticello  
Tricentrol Resources Inc.

5

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

5. Lease Designation and Serial No.

ML-29538

6. If Indian, Allottee or Tribe Name  
Unit Agreement No.  
14-08-0001-20386

7. Unit Agreement Name

Little Nancy Unit

8. Farm or Lease Name

Nancy State

9. Well No.

#2-12

10. Field and Pool, or Wildcat

Wildcat

11. Sec., T., R., M., or Bk.  
and Survey or Area

Sec. 2, T38S-R25E

12. County or Parrish

San Juan

13. State

Utah

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil  
Well ☒Gas  
Well ☐

Other

Single  
Zone ☒Multiple  
Zone ☐

2. Name of Operator

Tricentrol Resources Inc.

c/o Permitco

3. Address of Operator

1020 - 15th St., Ste. 22E, Denver, CO 80202

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

At surface

1480' FN &amp; 1010' FW

At proposed prod. zone

Section 2, T38S-R25E

14. Distance in miles and direction from nearest town or post office\*

Located 28 miles southwest of Dove Creek, Colorado

15. Distance from proposed\*

location to nearest  
property or lease line, ft.  
(Also to nearest drlg. line, if any)

160'

16. No. of acres in lease

639.60

17. No. of acres assigned

to this well

40

18. Distance from proposed location\*  
to nearest well, drilling, completed,  
or applied for, on this lease, ft.

3500'

19. Proposed depth

5800'

Desert Creek

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

5343'

22. Approx. date work will start\*

Upon approval of APD

23.

## PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	9-5/8"	32.5#	1300'	300sx or sufficient to circ.
8-3/4"	5-1/2"	15.5#	5800'	250sx. or sufficient to cover zones of interest

We propose to drill a well to 5800' to test the Ismay and Desert Creek formations. If productive, we will run casing and complete. If dry, we will plug and abandon as per State of Utah requirements.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE:

9-30-82

BY:

[Signature]

DIVISION OF  
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed.....

R. P. Crist

Title..... Exploration Manager

Date..... 9-22-82

(This space for Federal or State office use)

Permit No.....

Approval Date .....

Approved by.....

Title.....

Date.....

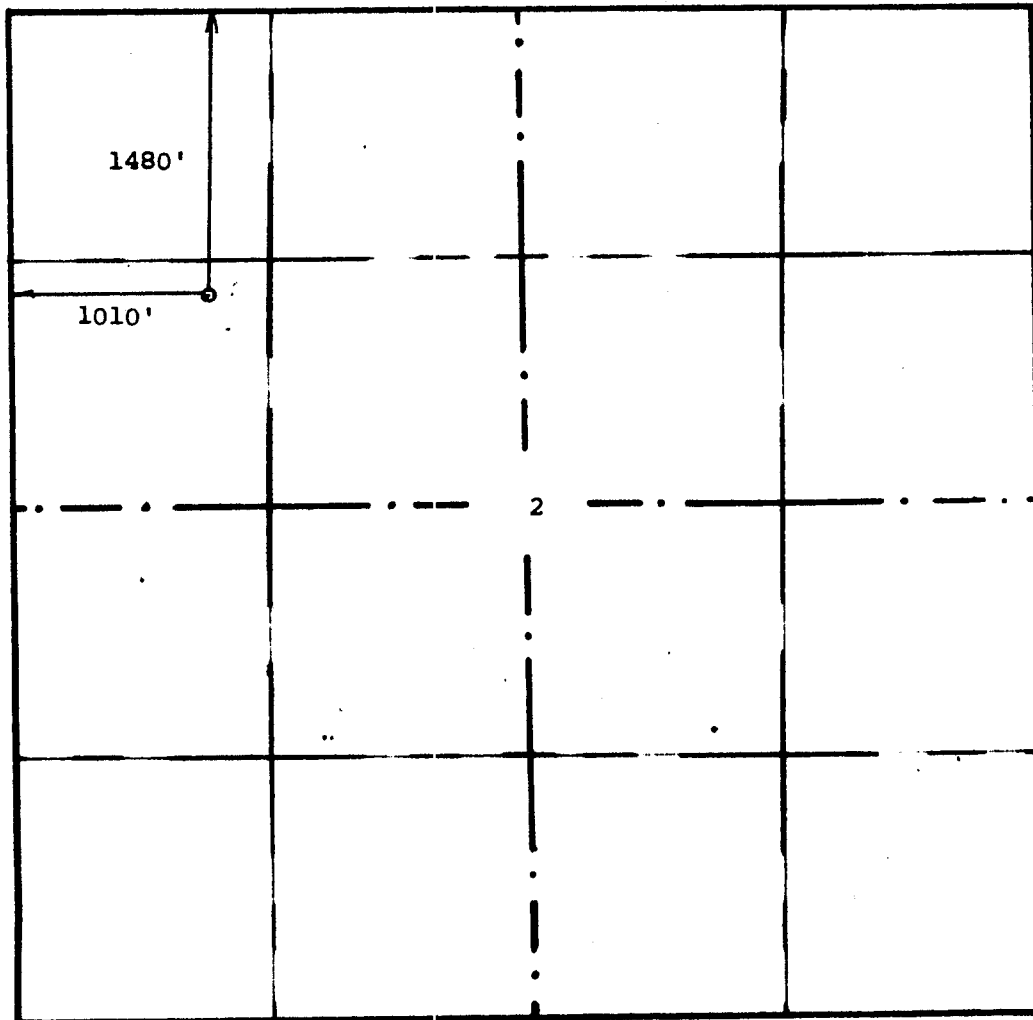
Conditions of approval, if any:



POWERS ELEVATION

PLAT #1

Well Location Plat



Operator Tricentrol USA, Inc.		Well name 2-12 State	
Section 2	Township 38 South	Range 25 East	Meridian Salt Lake
Footages 1480' from the North & 1010' from the West			County/State San Juan, Utah
Elevation 5343'	Requested by Lisa Green		
The above plat is true and correct to the best of my knowledge and belief.  <i>Gerald G. Huddleston</i> Gerald G. Huddleston, L.S. Utah Exception 3 Sept. 1982			

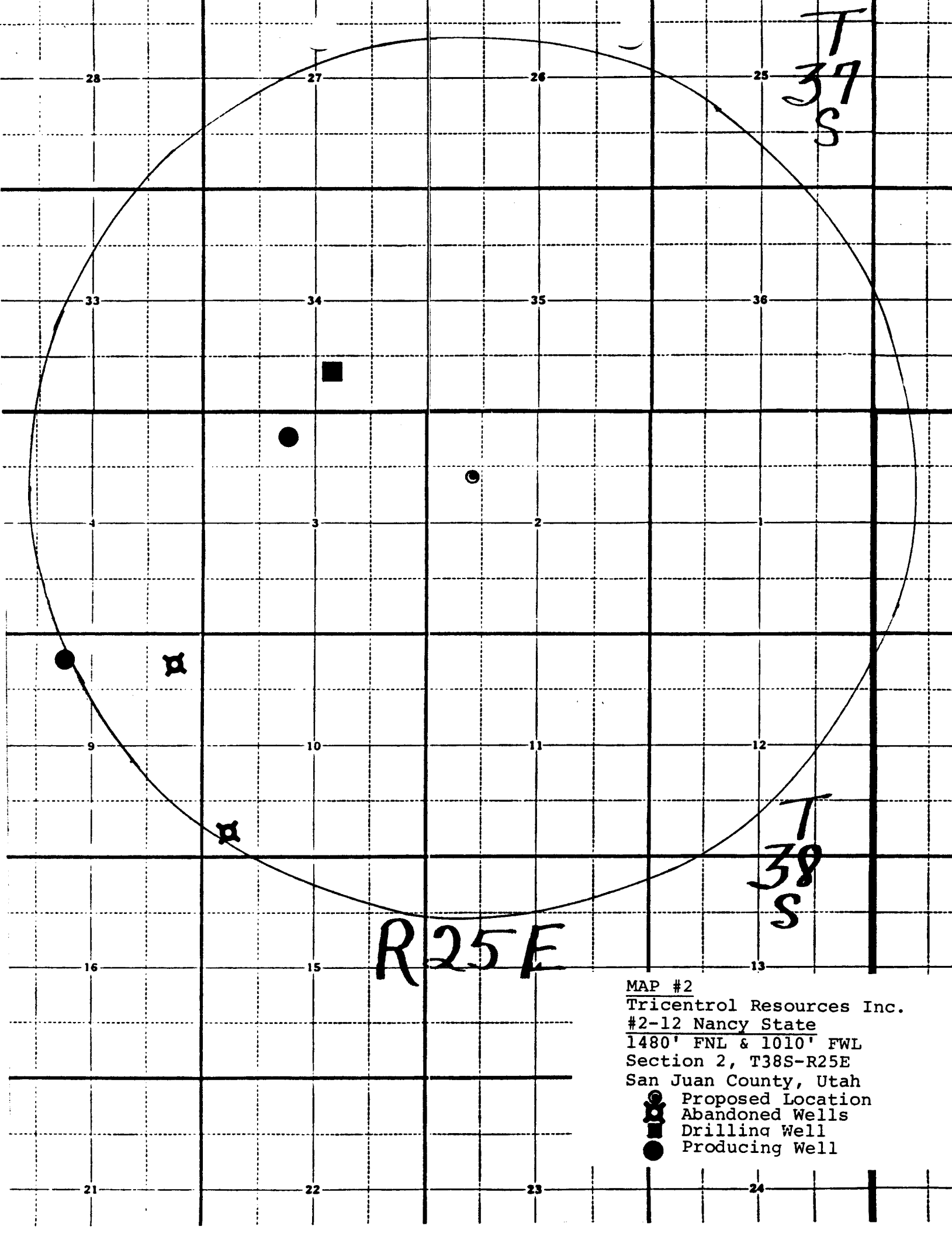
TO DOVE CREEK

MAP #1  
 Tricentrol Resources Inc.  
 #2-12 Nancy State  
 1480' FNL & 1010' FWL  
 Section 2, T38S-R25E  
 San Juan County, Utah

● Proposed Location  
 Proposed Access Route  
 Proposed Water Haul Route

Tricentrol Resources Inc.  
#2-12 Nancy State  
1480' FNL & 1010' FWL  
Section 2, T38S-R25E  
San Juan County, Utah

- ① Proposed Location  
 Proposed Access Route  
 Proposed Water Haul Route



T  
37  
S

T  
38  
S

R 25 E

MAP #2

Tricentrol Resources Inc.

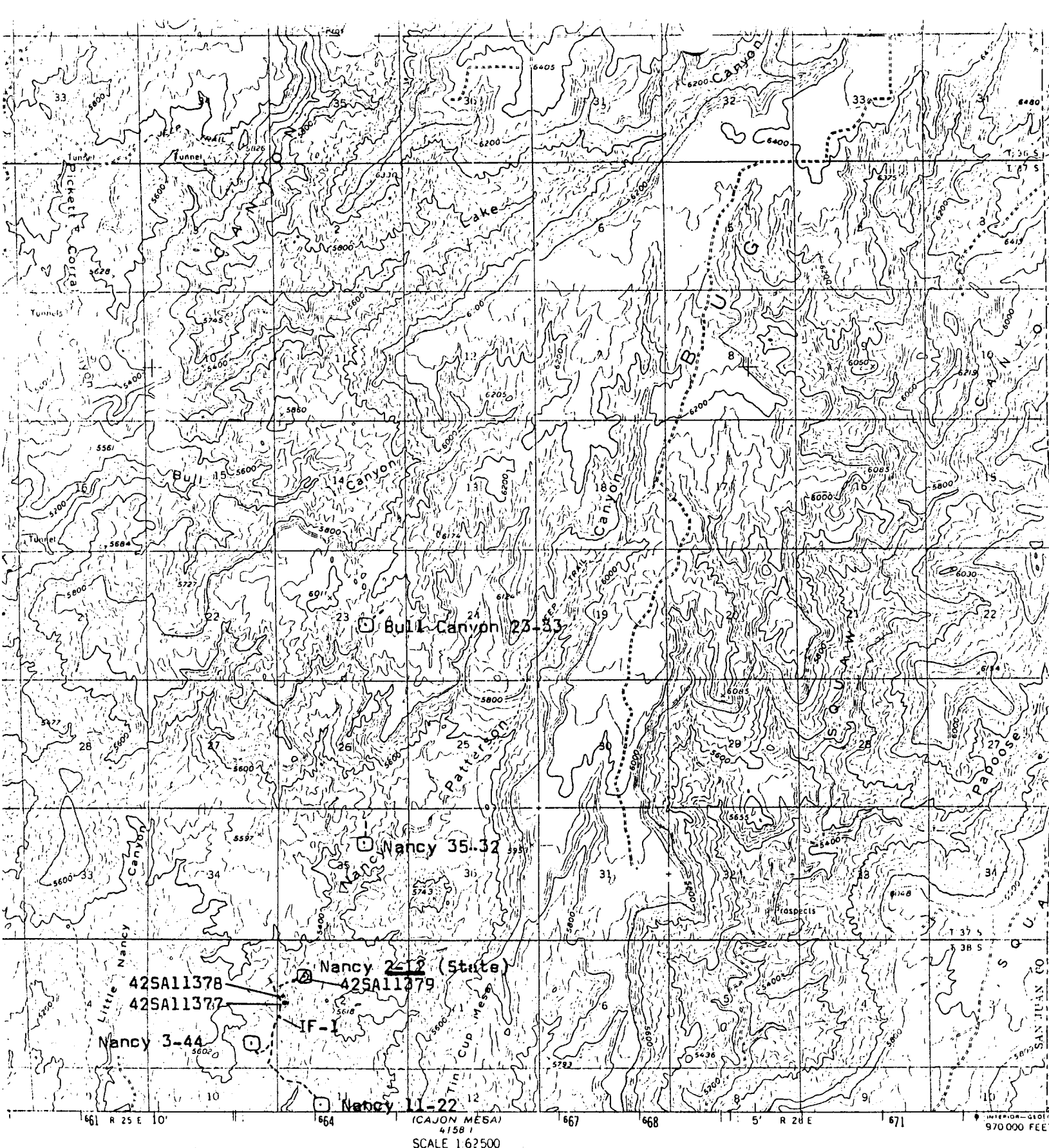
#2-12 Nancy State

1480' FNL & 1010' FWL

Section 2, T38S-R25E

San Juan County, Utah

- Proposed Location
- Abandoned Wells
- Drilling Well
- Producing Well



42SA11378  
42SA11377

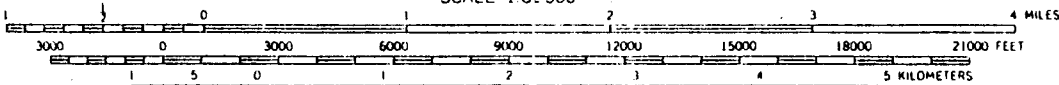
Nancy 2-12 (State)  
42SA11379

Nancy 3-44  
IF-1

Nancy 11-22

CAJON MESA  
41581

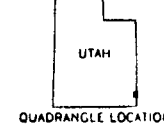
SCALE 1:62500



CONTOUR INTERVAL 40 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

Monument Canyon, Utah-Colo.  
15' series 1957

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U S GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



QUADRANGLE LOCATION

1980 AND 1991 MAGNETIC NORTH  
MAP IN CENTER OF SHEET



IN REPLY  
REFER TO:

# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Moab District  
San Juan Resource Area  
P.O. Box 7  
Monticello, Utah 84535

T38SR25E  
Sec. 2  
(U-069)

September 9, 1982

Ms. Lisa Green  
Permitco  
1020 15th Street, Suite 22-E  
Denver, Colorado 80202

Dear Ms. Green:

A right-of-way grant is not required for the access road to Tricentrol's Nancy State 2-12 Well since it is within a federal unit. This letter authorizes access to the well across federal land as discussed on site with you on September 2, 1982. The following stipulations apply to the road:

## Construction:

1. The operator or his contractor will contact the San Juan Resource Area Office in Monticello, Utah, (801) 587-2201, 48 hours before beginning any work on public land.
2. The operator will give the dirt contractor a copy of the Surface Use Plan and BLM stipulations before any work.
3. The San Juan County Road Department (801-587-2231, ext. 43), will be contacted before county roads are used.
4. If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the San Juan Resource Area Office will be contacted. All employees working in the area will be informed by the operator that they are subject to prosecution for disturbing archaeological sites or picking up artifacts. Salvage or excavation of identified archaeological sites will only be done if damage occurs.
5. Improvement to existing access will be necessary and will be limited to a total disturbed width of 20 feet.
6. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.



Reclamation:

1. Immediately on completion of drilling, all trash and debris will be collected.
2. The operator or his contractor will contact the BLM office in Monticello, Utah, (801) 587-2201, 48 hours before starting reclamation work that involves earthmoving equipment and upon completion of restoration measures.
3. All disturbed areas will be recontoured to blend as nearly as possible with the natural topography. This includes removing all berms and refilling all cuts.
4. All disturbed areas will be scarified with the contour to a depth of 12 inches.
5. Water bars will be built as follows to control erosion.

<u>Grade</u>	<u>Spacing</u>
2%	Every 200 feet
2-4%	Every 100 feet
4-5%	Every 75 feet
5+%	Every 50 feet

6. Seed will be broadcast between October 1 and February 28 with the following prescription. When broadcast seeding, a harrow or similar implement will be dragged over the seeded area to assure seed cover.

2 lbs/acre Indian ricegrass (Oryzopsis hymenoides)  
 2 lbs/acre Fourwing saltbush (Atriplex canescens)  
 1 lb/acre Alkali sacaton (Sporobolus airoides)  
 1 lb/acre Shadscale (Atriplex confertifolia)  
 1 lb/acre Curleygrass (Hilaria jamesii)

7. After seeding is complete, the stockpiled trees will be scattered evenly over the disturbed areas. The access will be blocked to prevent vehicular access.

Production:

1. The access shall be upgraded to BLM Class III road specifications.

Please feel free to call Brian Wood of my staff at (801) 587-2201 if you have any questions.

Sincerely yours,

*Edward R. Schenck*  
Area Manager

ARCHEOLOGICAL SURVEY OF  
TRICENTROL UNITED STATES, INC.'S  
NANCY FEDERAL #2-12 WELL PAD  
AND ACCESS ROAD  
SAN JUAN COUNTY, UTAH

LAC REPORT 8221

BY  
PATRICK L. HARDEN

LA PLATA ARCHEOLOGICAL CONSULTANTS, INC.  
P.O. BOX 783  
DOLORES, COLORADO 81323  
303-882-4933

SEPTEMBER 7, 1982

Utah Antiquities Permit  
#802

Prepared For:  
Tricentrol United States, Inc.  
Suite 200  
5675 S. Tamarac Parkway  
Englewood, Colorado 80111

## ABSTRACT

An archeological survey of Tricentrol United States, Inc.'s #2-12 Nancy Federal well pad and 500 feet of access road was conducted on September 2nd and 3rd, 1982, by Patrick L. Harden of La Plata Archeological Consultants, Inc., Dolores, Colorado. The project is located on lands owned by the state of Utah in San Juan County. One multicomponent archeological site was located on the well pad, but avoidance procedures for portions of it and the non-significance of the remainder of the site do not require the relocation of the project. Archeological clearance is recommended for this project.

## INTRODUCTION

The archeological survey for the Nancy Federal #2-12 well pad was requested by Ms. Lisa Green, acting permit agent for Tricentrol. The survey was performed in conjunction with the well pad inspection performed on September 2nd, and on the 3rd. Persons attending the pad inspection were Ms. Green (Permitco), Terry Simcoe and Jim Walters (Tricentrol), Jerry Husky (Urado Construction), Gerald Huddleston (land surveyor), and Patrick Harden (LAC).

The well pad is located in the NE $\frac{1}{4}$ , SE $\frac{1}{4}$ , NW $\frac{1}{4}$  of section 2, T38S, R25E, San Juan County, Utah. The area is included on the Monument Canyon, Utah-Colo. 15' series topographic map (1957).

## PROJECT DESCRIPTION

The proposed project consists of the construction of a

single well pad and ca. 500' of new or improved access road. An unimproved road crosses the well pad area, but because of steep grades portions of it will have to be relocated. The well pad was staked and flagged by the land surveyor prior to the archeological inspection. The access route was determined by the construction supervisor and Tricentrol personnel. The access road joins an improved dirt road west of the well pad area.

The well pad is located on the crest and east slope of a low ridge. The general project area is situated on the lower southwest trending slopes of Bug Point. Sediments consist of gravely sandy loam, with sandstone bedrock exposed along the west edge of the ridge and in various places along the access route. Sheet erosion on the ridge crest has created a deflated surface, and shallow ephemeral gullies are forming. Vegetation is a pinyon-juniper plant community, which includes sage, salt-bush, ephedra, and a sparse undertory of bunch grass. There are no sources of potable water in the immediate project vicinity, but an ephemeral drainage just below the ridge to the south provides intermittent water.

#### EXAMINATION PROCEDURES

A file and literature review was conducted at the San Juan Resource Area office of the Bureau of Land Management on September 1st, prior to the field examination. None of the project area has been previously inventoried, and no significant cultural resources are in or near the project area. An area 600

x 600' surrounding the well pad center stake, and a 100' wide corridor along the access route were inventoried for cultural resources. A series of transects spaced 15 meters apart were walked over the entire area.

## RESULTS

One multicomponent archeological site was located in the well pad area. No cultural resources were found along the access route.

### Site 42SA11379

This is a multicomponent site with an historic and a pre-historic occupation represented. The historic portion of the site is evidently a temporary habitation occupied by Navajo sheep herders. The historic component consists of a rock structure 2 x 2m in size and a small juniper sweat lodge. The rock structure is constructed with small to large (up to 1m in size) tabular sandstone blocks, with portions of the walls presently 8 courses high. The south wall has collapsed, leaving standing walls in a 'U' shape. The sweat lodge is located 120m north of the rock structure along the upper east slope of the ridge. The lodge was built of juniper poles forming a 'teepee' shaped structure 1.5m in diameter, with an estimated height of ca. 1.5m. Burned sandstone cobbles are adjacent to the structure. There were no historic artifacts or trash around the structures. The degree of deterioration of the sweat lodge suggests a late 1800's to early 1900's occupation.

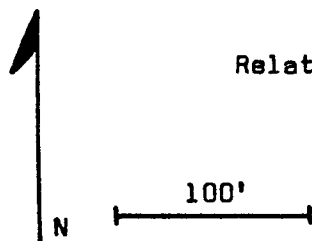
The prehistoric component consists of a sparse and diffuse lithic debitage scatter, with two separate concentrations evident. Artifacts include ca. 150 flakes of chert, quartzite, jasper, and chalcedony; one polyhedral siltstone core; and a one handed bifacial mano. Loci 1 is located near the center of the proposed well pad. Erosion in this area has caused artifacts to be washed a short distance down slope to the east. Although two very low 'humps' are present in the scatter area, the artifacts appear to be on a deflated surface. The bedrock exposed along the west edge of the low ridge (15m from the scatter limits) indicates relatively shallow sediments, thus shallow depth to any subsurface cultural deposits which may be present.

The absence of any diagnostic artifacts inhibits the determination of cultural affiliation or time of occupation for the prehistoric component.

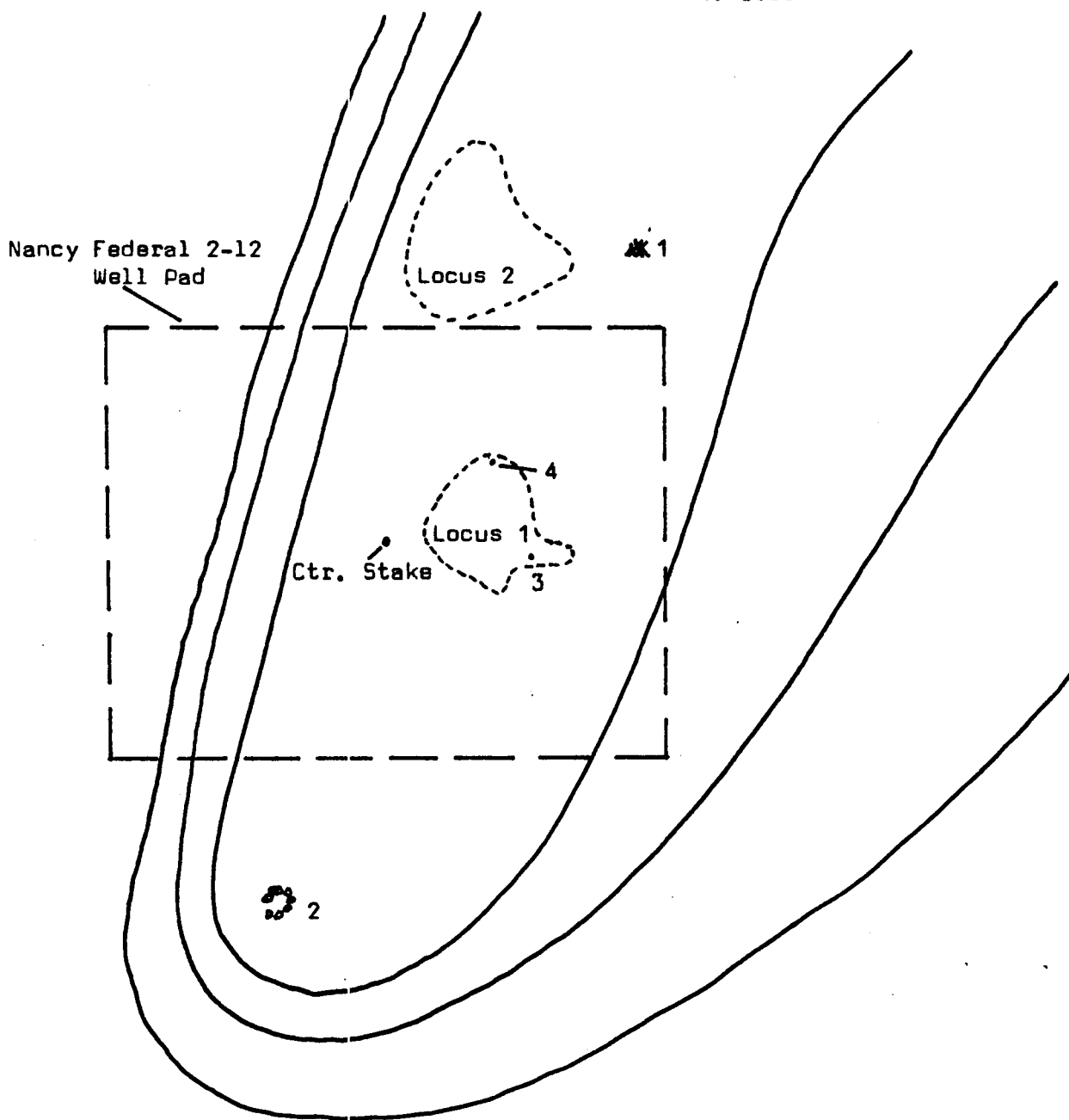
CRM Comments: The historic component will not be affected by well pad construction activities. The well pad is to be built between the rock and juniper pole structures, thus avoiding destruction of these. Loci 2 of the prehistoric component is along the north side of the pad and outside of the direct construction area. Loci 1 will be destroyed by construction of the well pad.

Due to the limited amount of further information which can be obtained from the sparse scatter (loci 1), and apparent lack of depth to cultural deposits, as well as absence of features, the site is presently evaluated as non-significant in terms of

Relationship of Site Features  
to Well Pad Location



- 1: Sweat Lodge
- 2: Rock Structure
- 3: Mano
- 4: Core



eligibility for nomination to the National Register of Historic Places. The dirt contractor has been notified of the presence of the artifact scatter in the well pad area, and cautioned to be alert for evidence of subsurface evidence of further cultural materials during pad construction activities. If any such deposits or features are uncovered then work should be halted and any subsurface evidence evaluated for significance. Although there is a possibility that well pad construction could be delayed in the event that subsurface deposits are uncovered, it is felt that the nature of the sediments and indications from surface evidence minimize such risks.

#### SUMMARY

One multicomponent archeological site was found in the Nancy Federal #2-12 well pad area. The historic component of this site will be avoided during pad construction. One locus of the prehistoric component will be destroyed. Although this portion of the site is evaluated as non-significant, the contractor has been notified to be alert for subsurface cultural materials. If subsurface deposits are encountered then construction should be halted in order to allow for a further evaluation of the site. Given these stipulations archeological clearance is recommended for this project.



OPERATOR TRICENTRAL RESOURCES INC DATE 9-30-82

WELL NAME NANCY STATE # 2-12

SEC SWNW 2 T 38S R 25E COUNTY SAN JUAN

43-037-30821  
API NUMBER

STATE  
TYPE OF LEASE

POSTING CHECK OFF:

☐

INDEX

☒

HL

☐☐

NID

☒

PI

☐☒

MAP

☒☐

PROCESSING COMMENTS:

RJF. ✓

APPROVAL LETTER:

SPACING:

☒

A-3

LITTLE NANCY  
UNIT

☐

c-3-a

CAUSE NO. & DATE

☐

c-3-b

☐

c-3-c

SPECIAL LANGUAGE:

☒ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

☒ AUTHENTICATE LEASE AND OPERATOR INFORMATION

☒ VERIFY ADEQUATE AND PROPER BONDING *STATE BLANKET*

☐ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☒ APPLY SPACING CONSIDERATION

☐ ORDER *ND*

☒ UNIT *LITTLE NANCY*

☐ c-3-b

☐ c-3-c

☒ OUTSTANDING OR OVERDUE REPORTS FOR OTHER WELLS OF THE OPERATOR.

☒ *POTASH ND*

October 1, 1982

Tricentrol Resources Inc.  
c/o Permitco  
1020 - 15th St. Suite 22E  
Denver, Colorado 80202

RE: Well No. Nancy State #2-12  
SWNW Sec. 2, T.38S, R.25E  
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Engineer  
Office: 533-5771  
Home: 571-6068

OR

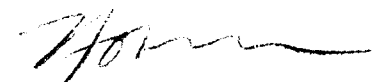
CLEON B. FREIGHT - Director  
Office: 533-5771  
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30821.

Sincerely,



Norman C. Stout  
Administrative Assistant

NCS/as  
cc: State Lands  
Enclosure



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 3, 1984

Tricentrol Resources Inc.  
c/o Permitco  
1020-15th Street Suite 22E  
Denver, Colorado 80202

RE: Well No. Nancy State #2-12  
API #43-037-30821  
1480' FNL, 1010' FWL SW/NW  
Sec. 2, T. 38S, R. 25E.  
San Juan County, Utah

Gentlemen:

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded effective one calendar month from the date of this notice.

A new Application for Permit to Drill must be filed with this office for approval, prior to future drilling of the subject location.

Respectfully,

Norman C. Stout  
Administrative Assistant

NCS/cj